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DIGITAL AUDIO/VIDEO CLOCK RECOVERY ALGORITHM

ABSTRACT OF THE DISCLOSURE

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A method of decoding a bit stream having an embedded clock, where the clock reference data is recovered from the bit stream. The clock reference data is used

a to create an adjusting value<sup>to</sup> control a local clock

a frequency. The adjustment<sup>is</sup> calculated such that the  
10 local clock frequency and the local clock value match the frequency and values in the clock reference data.

The adjustment value is input to pulse generator to form a pulse train, which is used to generate the input to an adjustable oscillator.

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